

**COMPLETE WITH NEW CALL SYSTEM**

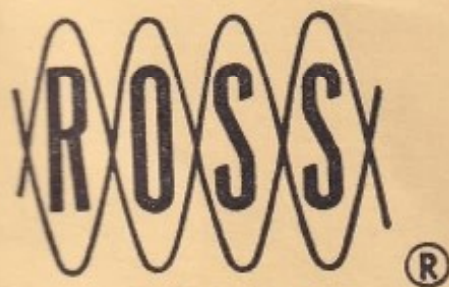
**OPERATING INSTRUCTIONS**

**FOR ROSS**

**RE-999**

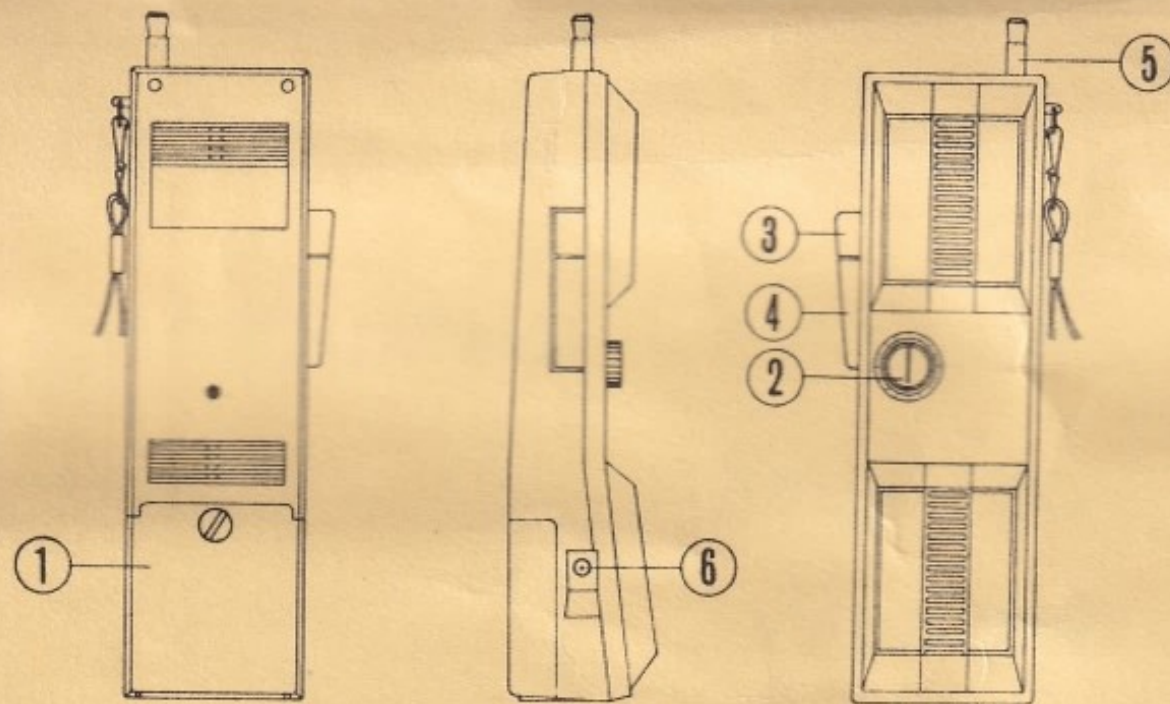
**TWO WAY**

**"WALKIE TALKIE"**



**ROSS ELECTRONICS CORPORATION**

**589 EAST ILLINOIS STREET CHICAGO, ILLINOIS, 60611**



- 1 BATTERY COVER
- 2 ON-OFF-VOLUME  
CONTROL
- 3 CALL BUTTON
- 4 PUSH-TO-TALK SWITCH
- 5 ANTENNA
- 6 EARPHONE JACK

## TO OPERATE

- 1 Remove rear battery cover and place the batteries (6 pcs.) in position as indicated. Replace the cover. Extend antenna to full length. Rotate the switch knob indicating volume. A slight mechanical click indicates that the power is turned ON.
- 2 To transmit a call , push the upper yellow button on the left side indicated "CALL", then the opposite receiver catches "BEEP" sound.
- 3 After tone signal is acknowledged, push only the "TALK" button on the left side of the case. Keeping a thumb or finger on the "TALK" button, hold the unit about 6 inches from mouth and talk into the lower grill in normal tone of voice. Holding the unit too close to mouth or talking too loudly may cause distortion.
- 4 To Receive:—Release pressure on the "TALK" button and listen.

**ANTENNA;** This walkie talkie is installed with 4 ft. 6 inch single element antenna in telescopic type. Don't use any other size of antenna except the supplied one by the manufacturer, because it is prohibited by FCC rules and regulations.

**NOTE;** This device complies in all respects with the requirements of PART/15, SUBPART "E" of the rules of FCC when used with a primary power supply of 9 volts DC, a single element antenna of 5 ft. maximum length, and crystal controlled.

## SPECIFICATIONS

### TRANSMITTING:

Frequency	27.085Mc
Oscillation System	Crystal controlled
Input Power at Final Stage	100mW
Modulation System	Collector modulation

### RECEIVING:

Receiving System	Crystal controlled superheterodyne with radio frequency stage
Intermediate Frequency	455 Kc/s
Audio Output	Max. 230 mW Undistorted 130 mW

**COMMUNICATION SYSTEM:** Push-to-talk

### BATTERY:

9volt penlight × 6 pcs.  
(Size "AA")

### SPEAKER:

2" Permanent dynamic

### ANTENNA:

Single element 4 ft. 6 inch  
8 step whip antenna

**CONTROLS:** Transmitting & receiving switch  
Volume control knob

### JACK:

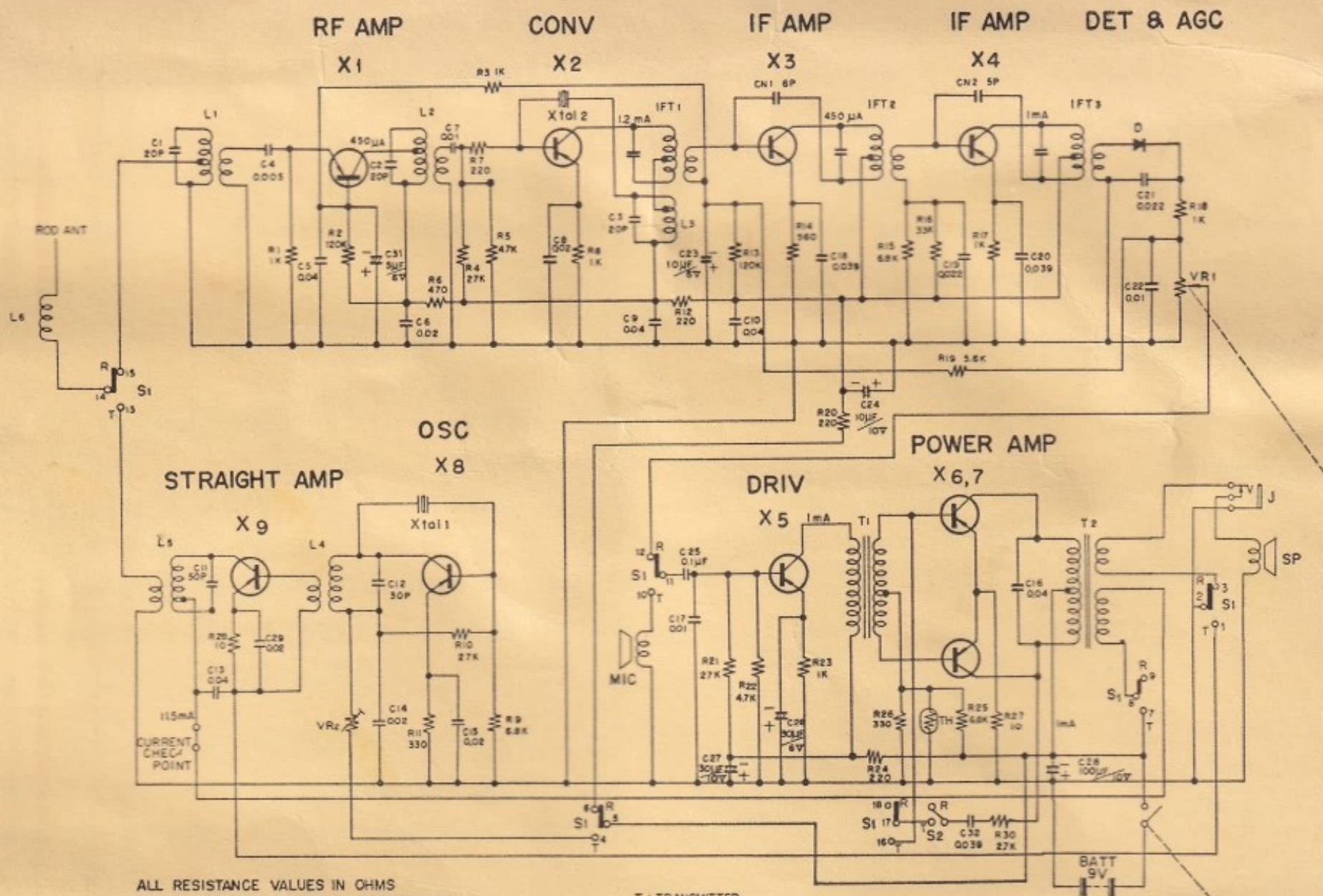
Earphone jack

**NUMBER OF TRANSISTOR:** 9 Transistors

**NUMBER OF DIODE:** 1 Diode

**DIMENSIONS:**  $9\frac{3}{9}" \times 2\frac{3}{4}" \times 2\frac{1}{4}"$

**WEIGHT:** 1 LB. 10 OZ.



ALL RESISTANCE VALUES IN OHMS  
 ALL CAPACITANCE VALUES IN MICROFARADS  
 $K=1,000$   $P=\frac{1}{1,000,000}$

NOTE (1) BATTERY SIZE "AA" JIS UM-3  
 or EVEREADY 915  
 or R.C.A. VSO34A 6pcs  
 (2) CURRENT VALUES INDICATED  
 ARE MEASURED AT NO SIGNAL

T : TRANSMITTER  
 R : RECEIVER

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## SERVICE WARRANTY

ROSS ELECTRONICS CORP. warrants this unit to be free from defective material or factory workmanship and will repair this unit or any part thereof, if it proves defective in normal use or service.

In order to receive the benefit of this Warranty, the owner of the unit must promptly register it, by filling in and mailing the attached Warranty Registration Card.

\*Our obligation under this Warranty is limited to repairing the defective instrument or any part thereof, returned transportation prepaid, within 90 days from date of original purchase.

This Warranty will be considered void, if unit is tampered with, improperly serviced, or subject to misuse, negligence, or accident, so as, in our judgment, to injure its reliability. For return postage include \$ 2.00 EACH.

## OUT OF WARRANTY SERVICE

ROSS ELECTRONICS CORP. will repair this unit when free service Warranty no longer applies at a charge of \$ 4.00 plus cost of parts and postage EACH. when returning unit for repair, pack securely and send prepaid and insured.

**ROSS ELECTRONICS CORPORATION**

589 East Illinois Street Chicago, Illinois

**NOTE:** Before you return this unit for service, check its operation with a fresh battery. The old one may be exhausted.